

What is Claimed is:

1. A method of coating on a work piece having a treating surface, comprising the steps of:

5 (a) coating a coating film as a base color layer on said treating surface of said work piece, wherein said coating film has a predetermined color provided thereon;

(b) coating a first transparent protective layer on said coating film to protect said coating film;

10 (c) attaching a sticker layer having a predetermined character pattern on said first transparent protective layer such that said character pattern of said sticker layer is projected from said coating film to form a three-dimensional appearance; and

(d) coating a second transparent protective layer on said first transparent protective layer to sealedly enclose said sticker layer between said first transparent protective layer and said second protective layer so as to form a three-dimensional customary coating layer on said work piece.

15 2. The coating method as recited in claim 1, in step (a), further comprising the steps of:

(a.1) dying said color on said coating film;

(a.2) feeding said coating film onto a water bath such that said coating film is flattened out at a water surface by means of water tension;

20 (a.3) applying said coating film on said treating surface of said work piece under a uniform water pressure, wherein said coating film is adapted to be stretched to fittingly coat on said treating surface of said work piece so as to evenly coat said color of said coating film on said treating surface of said work piece;

(a.4) removing a residual of said coating film from said work piece; and

(a.5) drying said work piece at an elevated temperature until said coating film is substantially coated on said treating surface of said work piece as said base color layer.

3. The coating method as recited in claim 2, in step (a.2), further comprising a step of softening said coating film in said water bath such that said coating film is  
5 fittingly aligned on said treating surface of said work piece, so as to evenly coat said color on said treating surface of said work piece through said water pressure

4. The coating method as recited in claim 2, in step (a.4), further comprising a step of rinsing said work piece with water to remove said residual of said coating film from said work piece.

10 5. The coating method as recited in claim 3, in step (a.4), further comprising a step of rinsing said work piece with water to remove said residual of said coating film from said work piece.

6. The coating method as recited in claim 2, before step (a.3), further comprising a step of dying a white coating layer on said treating surface of said work  
15 piece as a preliminary background color thereof.

7. The coating method as recited in claim 3, before step (a.3), further comprising a step of dying a white coating layer on said treating surface of said work piece as a preliminary background color thereof.

8. The coating method as recited in claim 5, before step (a.3), further  
20 comprising a step of dying a white coating layer on said treating surface of said work piece as a preliminary background color thereof.

9. The coating method, as recited in claim 1, wherein said coating film is a high polymer thin film attached on said treating surface of said work piece.

10. The coating method, as recited in claim 2, wherein said coating film is a  
25 high polymer thin film attached on said treating surface of said work piece.

11. The coating method, as recited in claim 5, wherein said coating film is a high polymer thin film attached on said treating surface of said work piece.

12. The coating method, as recited in claim 8, wherein said coating film is a high polymer thin film attached on said treating surface of said work piece.

13. The coating method as recited in claim 1, in step (c), wherein said sticker layer on said secondary background layer is operated under a water treatment such that  
5 said sticker layer is adapted to adjustably move on said secondary background layer to selectively align said sticker layer at a desired position with respect to said work piece under said water treatment.

14. The coating method as recited in claim 5, in step (c), wherein said sticker layer on said secondary background layer is operated under a water treatment such that  
10 said sticker layer is adapted to adjustably move on said secondary background layer so as to selectively align said sticker layer at a desired position with respect to said work piece under said water treatment.

15. The coating method as recited in claim 8, in step (c), wherein said sticker layer on said secondary background layer is operated under a water treatment such that  
15 said sticker layer is adapted to adjustably move on said secondary background layer so as to selectively align said sticker layer at a desired position with respect to said work piece under said water treatment.

16. The coating method as recited in claim 12, in step (c), wherein said sticker layer on said secondary background layer is operated under a water treatment such that  
20 said sticker layer is adapted to adjustably move on said secondary background layer so as to selectively align said sticker layer at a desired position with respect to said work piece under said water treatment.

17. The coating method, as recited in claim 1, further comprising a step of drying said customary coating layer on said work piece such that said first transparent  
25 protective layer, said sticker layer and said second transparent protective layer are formed as an integral layer.

18. The coating method, as recited in claim 5, further comprising a step of drying said customary coating layer on said work piece such that said first transparent  
30 protective layer, said sticker layer and said second transparent protective layer are formed as an integral layer.

19. The coating method, as recited in claim 12, further comprising a step of drying said customary coating layer on said work piece such that said first transparent protective layer, said sticker layer and said second transparent protective layer are formed as an integral layer.

5           20. The coating method, as recited in claim 16, further comprising a step of drying said customary coating layer on said work piece such that said first transparent protective layer, said sticker layer and said second transparent protective layer are formed as an integral layer.

          21. The coating method as recited in claim 8, before step (d), further  
10 comprising a step of assessing said work piece to fix a disfigured portion of said first transparent protective layer.

          22. The coating method as recited in claim 16, before step (d), further comprising a step of assessing said work piece to fix a disfigured portion of said secondary background layer.

15           23. The coating method as recited in claim 20, before step (d), further comprising a step of assessing said work piece to fix a disfigured portion of said secondary background layer.